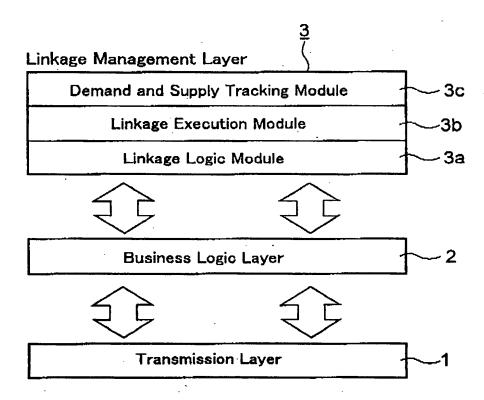
FIG.1



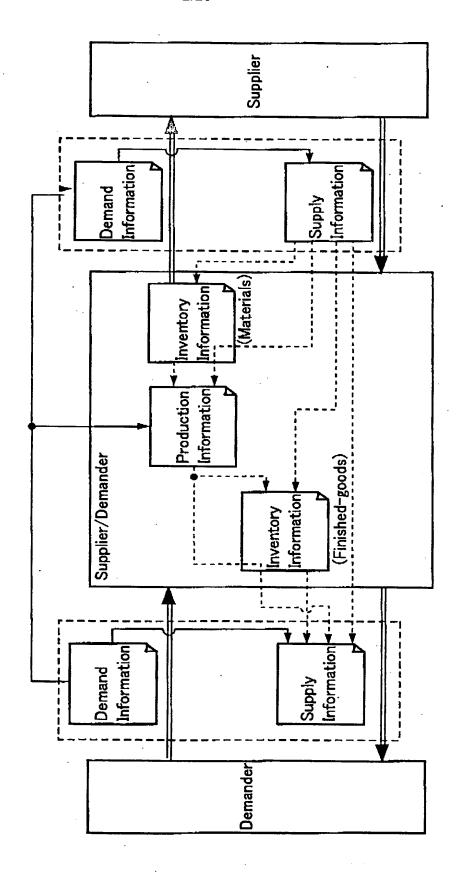


FIG.2

FIG.3

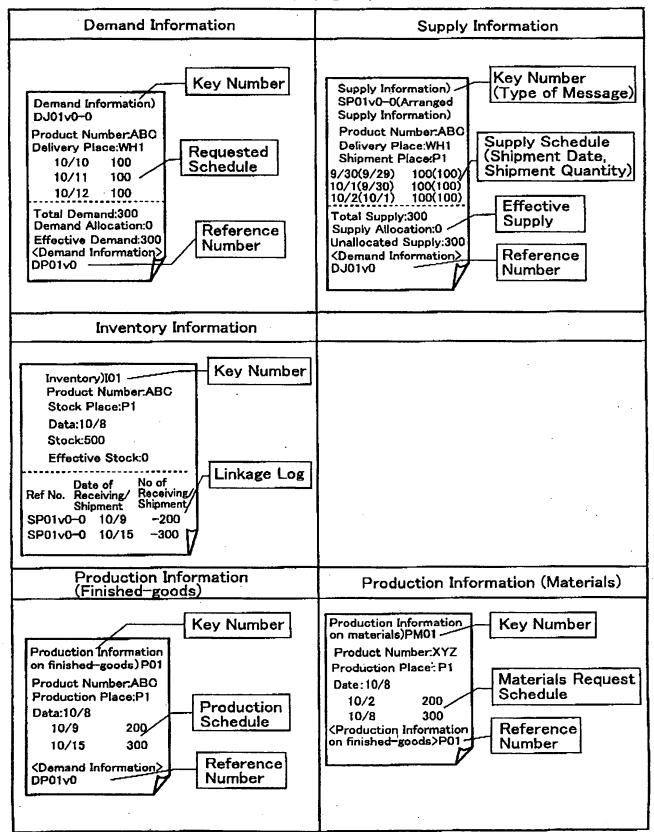


FIG.4A

Product Number	Delivery Place	Requested Delivery Date	Requested Delivery Quantity
PartABC	WH1	10-Oct	200
		15-Oct	300
	·	19-Oct	100

FIG.4B

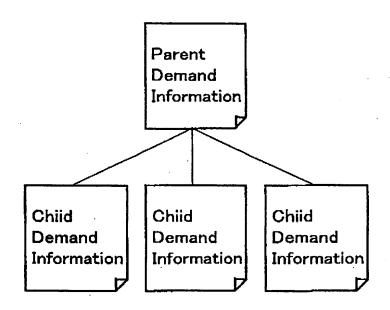


FIG.4C

Thomas A D.C.		2W	3W	4W
ItemABC	200	300	100	500
DELFOR:002	2W	3W _	4WX	5W
ItemABC	300	100	500	300

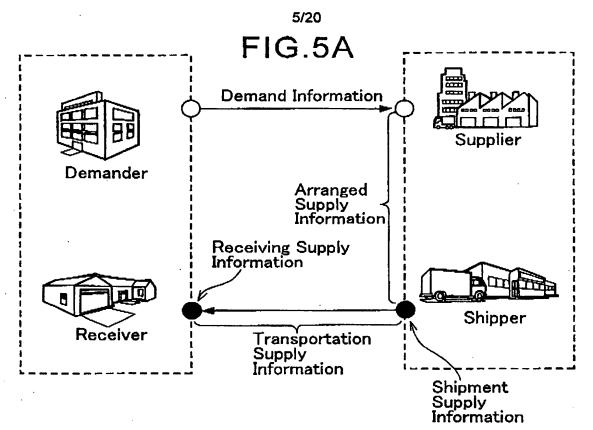


FIG.5B

Product Number	Delivery Place	Product Number	Receiving Quantity
PartABC	WH1	10-Oct	200
		15-Oct	300
		19-Oct	100

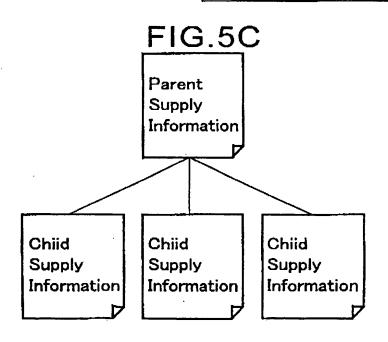
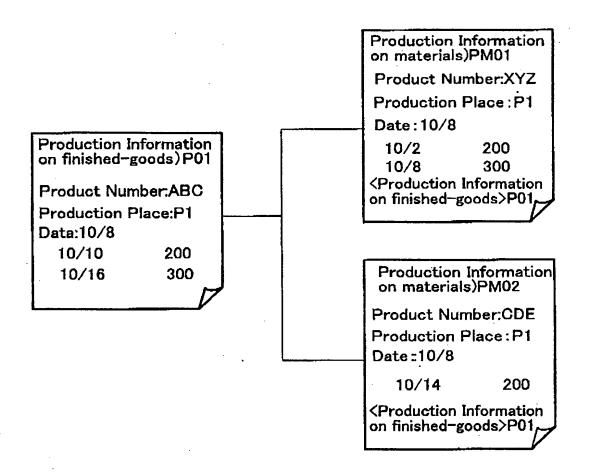
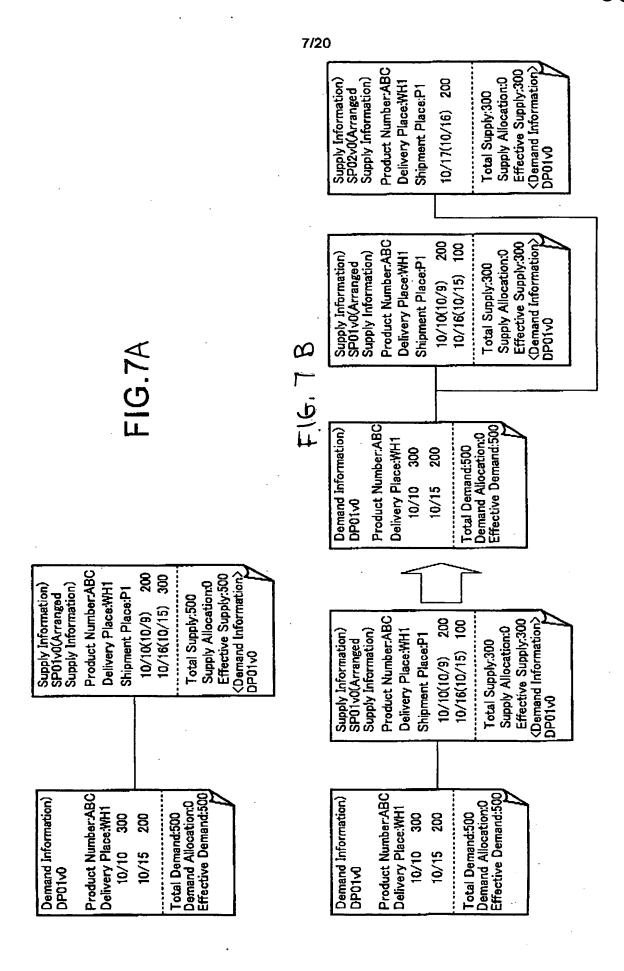


FIG.6





Supply Allocation:0
Effective Supply:300
(Supply Information)
SP01v0

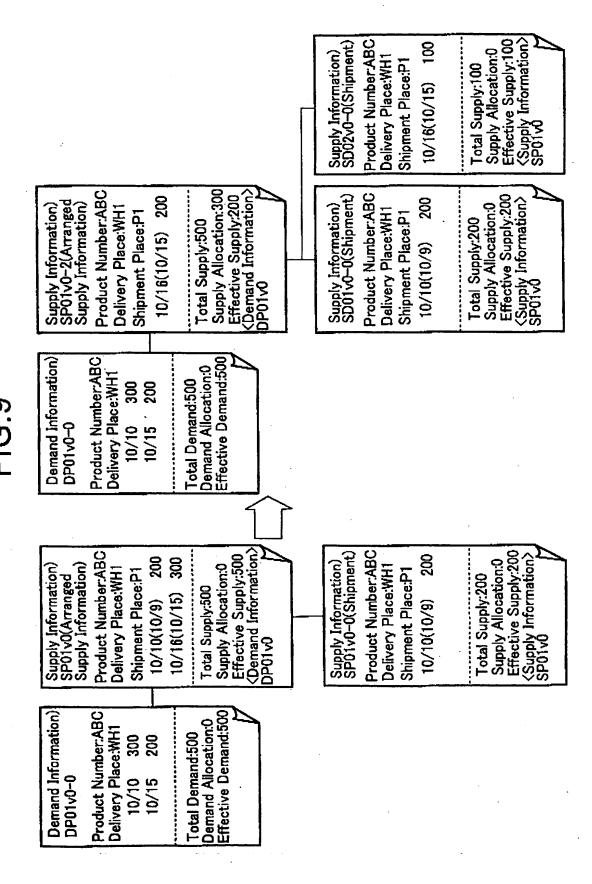
Product Number:ABC

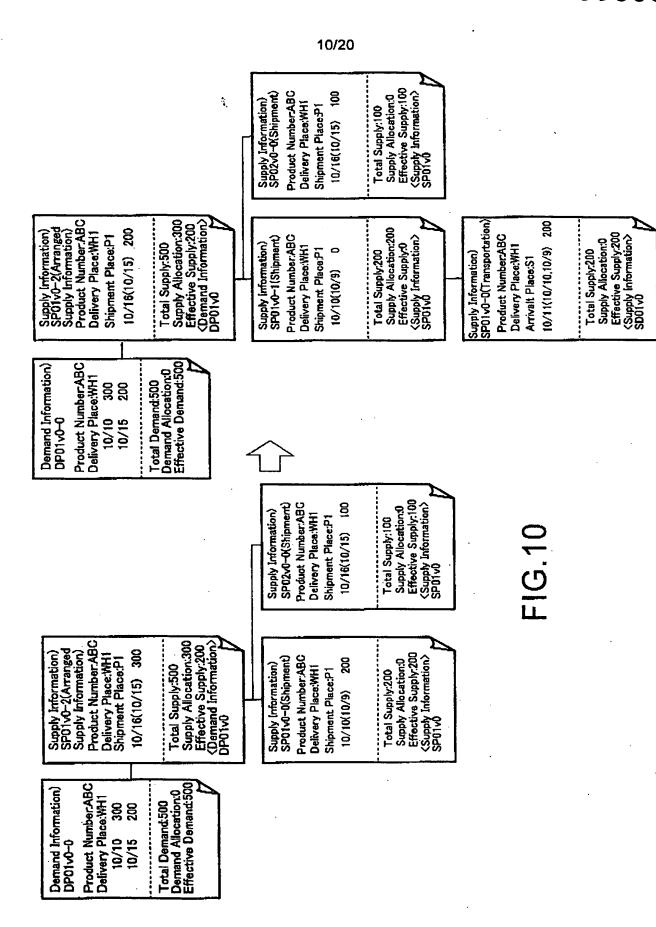
Delivery Place:WH1 Shipment Place:P1 10/11(10/10) 200 10/20(10/19) 100

Total Supply:300

C	X)
(· [)
L	1	_

Supply Information) SP01v0~1(Arranged Supply Information) Product Number:ABC Delivery Place:WH1 Shipment Place:P1 10/16(10/15) 200	Total Supply:500 Supply Allocation:300 Effective Supply:200 <demand information=""> DP01v0</demand>	Supply Information) SP01v0-0(Arranged Supply Information)
Demand Information) DP01v0-0 Product Number:ABC Delivery Place:WH1 10/10 300 10/15 200	Total Demand:500 Demand Allocation:0 Effective Demand:500	
0 0 0	7	
Supply Information) SP01v0-0(Arranged Supply Information) Product Number:ABC Delivery Place:WH1 Shipment Place:P1 10/10(10/9) 200 10/16(10/15) 300	Total Supply:500 Supply Allocation:0 Effective Supply:500 <demand information=""> DP01v0</demand>	
Demand Information) DP01v0-0 Product Number:ABC Delivery Place:WH1 10/10 300 10/15 200	Total Demand:500 Demand Allocation:0 Effective Demand:500	
Demand Inf DP01v0-0 Product Nu Delivery Pla 10/10	Total De Demand Effective	·







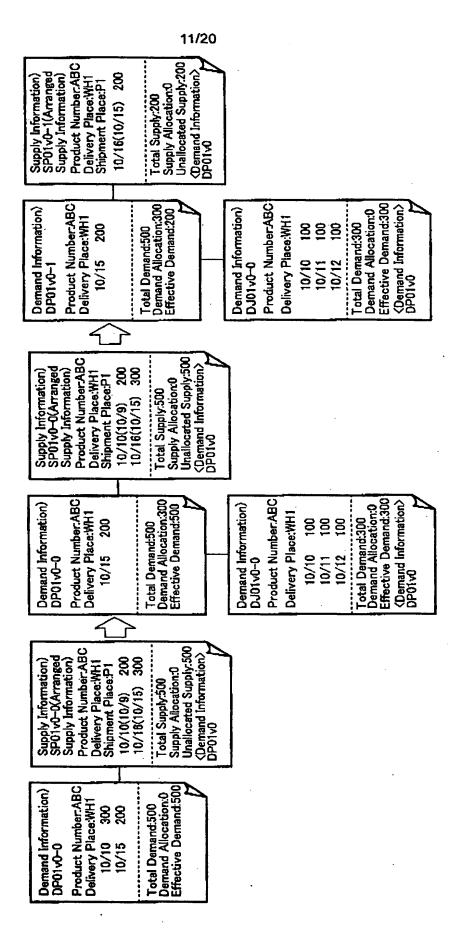
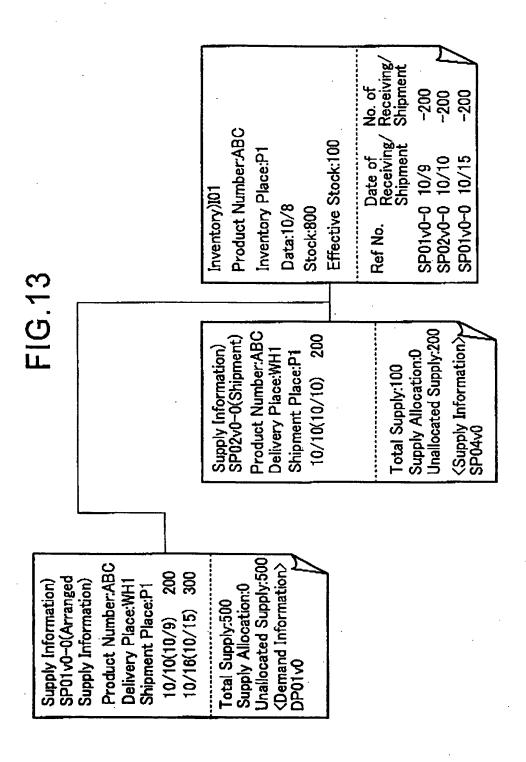


FIG.12

Inventory)[01 Supply Information) Product Number:ABC SP01v0-0(Arranged Inventory Place:WH1 Supply Information) Data:10/8 Product Number:ABC Delivery Place:WH1 Stock:500 Shipment Place:P1 Effective Stock:0 10/10(10/9) 200 10/16(10/15) 300 Date of Receiving/ Shipment No of Ref No. Receiving/ Shipment Total Supply:500 Supply Allocation:0 -200° SP01v0-0 10/9 Unallocated Supply:500 SP01v0-0 10/15 -300 <Demand Information> DP01v0



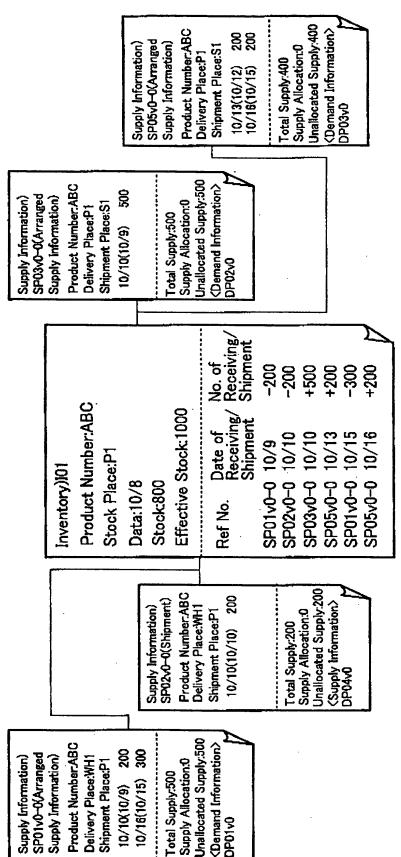


FIG. 14

FIG.15A

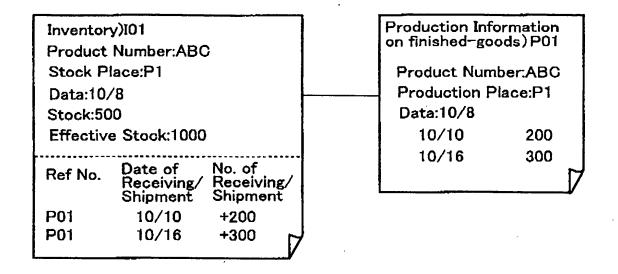


FIG. 15B

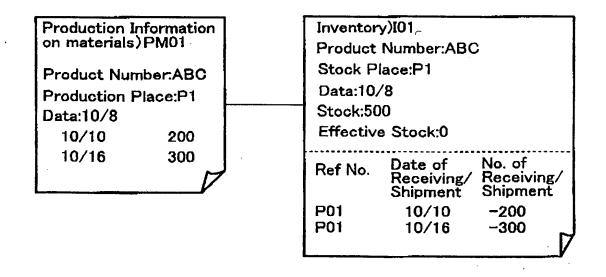


FIG.16

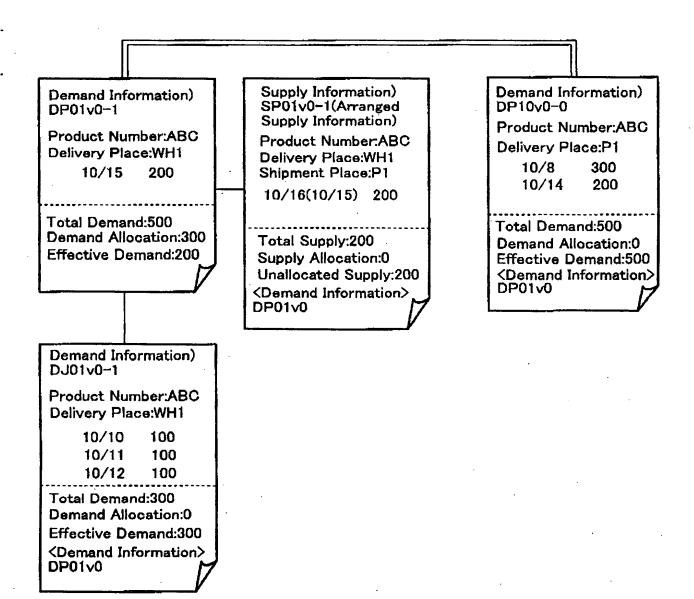
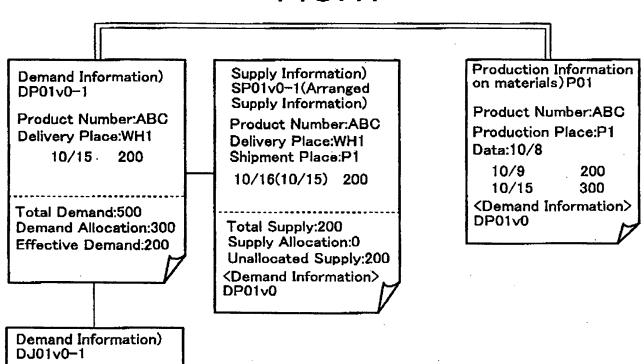


FIG.17



Product Number: ABC Delivery Place: WH1

100

100

100

10/10

10/11

10/12

DP01v0

Total Demand:300
Demand Allocation:0
Effective Demand:300
<Demand Information>

FIG.18

Production Information Demand Information) on materials)PM01 DP01v0-1 Product Number:ABC **Product Number:ABC** Delivery Place:WH1 Production Place: WH1 10/15 200 Date: 10/8 10/11 300 10/16 200 Total Demand:500 Demand Allocation:300 Effective Demand:200 <Production Information</p> on materialss> DP01v0 PM01-10/8 Demand Information) DJ01v0-0 Product Number:ABC Delivery Place:WH1 10/10 100 10/11 100 10/12 100 Total Demand:300 Demand Allocation:0

DP01v0

Supply Information) SP01v0-1(Arranged Supply Information) Product Number:ABC Delivery Place:WH1 Shipment Place:P1 10/16(10/15) 200

Total Supply:200
Supply Allocation:0
Unallocated Supply:200
<Demand Information>
DP01v0

19/20

FIG.19

Demand Information) RP0001v0-1

Reserved Purchase Order Product Number: CPU123 Delivery Place:WH1

10/10 500

Total Demand:1100 Demand Allocation:600

Effective Demand:500

Demand Information) DCP01v0-1

Confirmed Purchase Order Product Number*CPU123 Delivery Place:WH1

> 10/6 300

Total Demand:600 Demand Allocation:300 Effective Demand:300

> Demand Information) DJ01v0-0

Shipment Order Product Numbe: CPUr Delivery Place:WH1

10/1 100 10/2 100 100 10/3

Total Demand:300 Demand Allocation:0 Effective Demand:300

Supply Information) SP01v0-1(Arranged Supply Information) Reserved Order Response Product Number: CPU123 Delivery Place:WH1

Shipment Place:SUP1 10/10(10/8) 500

Total Supply: 300 Supply Allocation: 0 Unallocated Supply:500

<Demand Information> RP0001v0

Supply Information) SP04v0-1(Shipment) Shipment Notice Product Number: CPU123 **Delivery Place:WH1** Shipment Place:SUP1

(9/29)0(100) (9/30) 0(100)(10/1) 0(100)

Total Supply:300 Supply Allocation:300 Unallocated Supply:0

⟨Demand Information⟩ DJ01v0

Supply Information) SP04v0-0(Receiving)

Receiving Notice Product Number: CPU123

Delivery Place:WH1 Shipment Place: SUP

> 10/1() 100() 100() 10/2()

Total Supply: 300 Supply Allocation: 300 Unallocated Supply: 300

<Demand Information> SP04v0

Supply Information) SP02v0-2(Arranged Supply Information) Order Response Product Number: CPU123 Delivery Place:WH1 Shipment Place:SUP1

10/8(10/6) 100

Total Supply:300 Supply Allocation:200 Unallocated Supply:100 ⟨Demand Information⟩ DCP01v0

Supply Information) SP03v0-0(Arranged Supply Information) **Delivery Confirmation** Product Number: CPU123

Delivery Place:WH1 Shipment Place: SUP1 10/6(10/4) 200

Total Supply: 200 Supply Allocation: 0 Unallocated Supply: 200 <Supply Information>

SP02v0

Cont	Contents of the requests information linked with	nked with	s on the d a demand	demand d infor	lemand information	- Rec	Receiving on all the linked with a demand	the suppl	supply infor information	mation	FIG.20	0
Effective	e Date: 2	Date: 2003/10/3	,			Į	\	,		•)
				<u>ලිකී</u>	Contents of Request		Receiving			Shipment		
Item No.	Required Message	Delivery Píace	Date	G.	Type of Message	Qty.	Type of Message	Delivery Check	Oty.	Type of Message	Place	
CPU123	RP0001	/\	29-Sep					0	100	Receiving	Sup1	
			30-Sep					0	100	Receiving	Supl	
CPU123			1-0ct	100	Shipment Order	100	Receiving	0	100	Receiving	Sup1	
			2-0ct	100	Shipment Order	100	Receiving	0				
			3-0ct	100	Shipment Order	100	Receiving	0				
			4-0ct					0	200	Confirmation of Delivery	Sup1	
		•	5-0ct					0				
	· .		6-0ct	300	Confirmed Order	200	Delivery Confirmation	7001-	100	Order Response	Supl	
			7-0ct		·			100/				
, , , , , , , , , , , , , , , , , , , 			8-0ct			100	Order Response	0	200	Reserved Order Response	Sup1	
<u>-</u>			9-0ct		,			0				
			10-0ct	200	Shipment Order	500	Reserved Order Response	0				
•			11-0ct	,				0				
Demand Information	Ę	Comparison b and the rece a delay in d	in d	etween t iving co elivery	etween the requested conte lying contents. Red parts elivery	ed col	contents arts show		\			-
			Shipment The supp	info 1y ir	ment information on supply information	2 5	information. ed by column	and by place	ace			